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(71) Applicant: CANON INC

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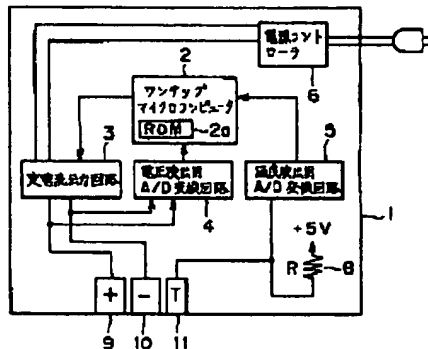
(54) CHARGING APPARATUS AND RESIDUAL
CHARGE DETECTOR

(57) Abstract:

PURPOSE: To charge a battery automatically after it is decided whether the battery is an Ni-MH battery or not.

CONSTITUTION: When a battery is loaded onto a charger, the voltage of a sensor terminal 11 is measured and it is decided by a one-chip microcomputer 2 whether the measured voltage is higher than 3.0 V or not. If the voltage of the sensor terminal 11 is higher than 3.0 V, it is decided that an Ni-Cd battery is loaded and the charging control by a voltage is performed until the battery is fully charged. If the voltage of the sensor terminal 11 is lower than 3.0 V, it is decided that an Ni-MH battery is loaded and the charging control by a temperature is performed until the battery is fully charged.

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